AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID C	:ODE	PAGE OF PAGES 1 1	
	MENDMENT/MODIFICATION NO. 001	3. EFFECTIVE DATE 12-Jul-2002	4. REQUISITION/PURCH W807PM-2063-52		5. PROJECT	NO. (If applicable)
6. 19	SSUED BY COI	DE	7. ADMINISTERED BY (I	If other than Item 6)	CODE	
41	BURG CONSOL CONTRACTING (155 CLAY ST ICKSBURG, MS 39183-3435	OFC	See Item 6			
8. N	IAME AND ADDRESS OF CONTRACTOR (No., stre	ret, county, State and ZIP Code)			ENT OF SOLICI 8-02-B-0035	TATION NO.
				9B. DATED ((SEE ITEM 11)	
				10A. MODIFI NO.	CATION OF CON	ITRACTS/ORDER
		FACILITY CODE		10B. DATED	(SEE ITEM 13)	
COE		FACILITY CODE TEM ONLY APPLIES TO	AMENDMENTS OF S	SOLICITATIONS		
X	The above numbered solicitation is amended a				extended, X	is not ex-
Offe	ers must acknowledge receipt of this amendment	prior to the hour and date spe	cified in the solicitation or	as amended, by one	of the following	methods:
(a) l sub MEN IN F lette	By completing Items 8 and 15, and returning mitted; or (c) By separate letter or telegram which NT TO BE RECEIVED AT THE PLACE DESIGNATE! REJECTION OF YOUR OFFER. If by virtue of this a er, provided each telegram or letter makes refere	1 copies of the amendment includes a reference to the standard FOR THE RECEIPT OF OFFER mendment you desire to changence to the solicitation and this	nt; (b) By acknowledging r olicitation and amendmen S PRIOR TO THE HOUR AI e an offer already submitt amendment, and is receiv	receipt of this amending the numbers. FAILURE ND DATE SPECIFIED ted, such change may red prior to the openi	ment on each co OF YOUR ACKN MAY RESULT be made by te ng hour and dat	opy of the offer OWLEDG- legram or e specified.
12.	ACCOUNTING AND APPROPRIATION DATA (If re	equired)				
		APPLIES ONLY TO MODES THE CONTRACT/ORD			RS,	
(√)	A. THIS CHANGE ORDER IS ISSUED PURSUAI TRACT ORDER NO. IN ITEM 10A.	NT TO: (Specify authority) THE (CHANGES SET FORTH IN I	ITEM 14 ARE MADE I	N THE CON-	
	B. THE ABOVE NUMBERED CONTRACT/ORDE appropriation date, etc.) SET FORTH IN ITEM	R IS MODIFIED TO REFLECT TH 14, PURSUANT TO THE AUTHO	HE ADMINISTRATIVE CHAI DRITY OF FAR 43.103(b).	NGES (such as change	s in paying office,	
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTE	ERED INTO PURSUANT TO AUT	HORITY OF:			
	D. OTHER (Specify type of modification and author	rity)				
E. 1	IMPORTANT: Contractor is not,	is required to sign	n this document and	l return	copies to the	issuing office.
14.	DESCRIPTION OF AMENDMENT/MODIFICATION	(Organized by UCF section head	ings, including solicitation/co	ontract subject matter v	here feasible.)	
	ference Invitation for Bids No. DACW nk Red River Levee, Natchitoches Lev follows:					
		TECHNICAL S	PECIFICATIONS			
	CTION 01270, MEASUREMENT AI CTION 02301, LEVEE SURFACING					
	ges revised by this amendment have the endment is shown as underlined; and					
	ept as provided herein, all terms and conditions effect.	of the document referenced in	tem 9A or 10A, as heretof	fore changed, remain	s unchanged an	d in full force
	. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE C	OF CONTRACTING OF	FICER (Type or j	print)
15B	3. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF	F AMERICA		16C. DATE SIGNED
_	(Signature of person authorized to sign)			turn of Contracting Offi	\	

(Signature of Contracting Officer)

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

SECTION TABLE OF CONTENTS

DIVISION 01 - GENERAL REQUIREMENTS

SECTION 01270

MEASUREMENT AND PAYMENT

PART 1 GENERAL

- 1.1 UNIT PRICE PAYMENT ITEMS 1.1.1 General

 - 1.1.2 Unit Price Items
- PART 2 PRODUCTS (Not Applicable)
- PART 3 EXECUTION (Not Applicable)
- -- End of Section Table of Contents --

SECTION 01270

MEASUREMENT AND PAYMENT

PART 1 GENERAL

1.1 UNIT PRICE PAYMENT ITEMS

1.1.1 General

Payment items for the work of this contract on which unit price payments will be made are listed in the BIDDING SCHEDULE and described below. The unit price and payment made for each item listed shall constitute full compensation for furnishing all plant, labor, materials, and equipment, and performing any associated Contractor quality control, submittal procedures, environmental protection, meeting safety requirements, tests and reports, and for performing all work required for the unit price item.

1.1.2 Unit Price Items

- a. "LEVEE SURFACING, CRUSHED LIMESTONE"
 - (1) Payment will be made for all costs associated with constructing the crushed limestone surfacing on the levee crown and landside ramps at the required locations, which price and payment shall constitute full compensation for grass removal; roadway crown preparation; furnishing scales and weighing material for measurement; furnishing, hauling, placing, spreading, compacting, dressing and maintaining the finished surfacing; and all work incidental thereto.
 - Surfacing material shall be measured for payment by being weighed by the Contractor on approved scales before being placed into the work. Each truck load shall be weighed to the nearest 0.1 ton and the final quantity rounded to the nearest whole ton. The Contractor shall furnish the scales and shall weigh the surfacing material in the presence of the Government representative, who will certify to the correctness thereof. Scales shall be of sufficient length to permit simultaneous weighing of all axle loads and shall be inspected, tested and sealed as directed by the Contracting Officer to assure an accuracy within 0.5 percent throughout the range of the scales. The scale's accuracy shall be checked and certified by an acceptable scales company representative prior to weighing any surfacing material and rechecked and recertified whenever a variance is suspected. The scales shall be located at the site of work. If commercial scales are readily available in close proximity (within 10 miles) of site of work, the Contracting Officer may approve the use of the scales. The Contracting Officer may elect to accept certified weight certificates furnished by a public weigh master in lieu of scale weights at the jobsite.
 - (3) Unit of measure: ton.

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION (Not Applicable)

-- End of Section --

SECTION TABLE OF CONTENTS

DIVISION 02 - SITE WORK

SECTION 02301

LEVEE SURFACING

PART 1 GENERAL

- 1.1 REFERENCES
- 1.2 SUBMITTALS
- 1.3 RIGHTS-OF-WAY
- 1.4 LOCATIONS AND DIMENSIONS
- 1.5 RIVER ACCESS

PART 2 PRODUCTS

- 2.1 MATERIALS
 - 2.1.1 Crushed Stone
 - 2.1.1.1 Definition
 - 2.1.1.2 Gradation
 - 2.1.1.3 Crushed Limestone Sources
 - 2.1.1.4 Crushed Limestone From Sources Not Listed
 - 2.1.1.5 Evaluation Testing of Stone
 - 2.1.2 Filler for Blending
- 2.2 EQUIPMENT

PART 3 EXECUTION

- 3.1 GRASS REMOVAL
- 3.2 CROWN PREPARATION
- 3.3 PLACING NEW SURFACING MATERIAL
- 3.4 TESTING
- -- End of Section Table of Contents --

SECTION 02301

LEVEE SURFACING

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO)

AASHTO T 27 (1993) Sieve Analysis of Fine and Coarse Aggregates

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM C 127	(1988; R 2001) Specific Gravity and Absorption of Coarse Aggregate
ASTM C 131	(1996) Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
ASTM C 295	(1998) Petrographic Examination of Aggregates for Concrete
ASTM C 535	(1996el) Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
ASTM D 3740	(1999c) Minimum Requirements for Agencies Engaged in the Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction
ASTM D 4992	(1994e1) Evaluation of Rock to be Used for Erosion Control
ASTM E 548	(1994e1) General Criteria Used for Evaluating Laboratory Competence

CORPS OF ENGINEERS (COE)

COE CRD-C 148 (1969) Testing Stone for Expansive Breakdown on Soaking in Ethylene Glycol

1.2 SUBMITTALS

Government approval is required for all submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. The following shall be

submitted in accordance with Section 01330 SUBMITTAL PROCEDURES:

SD-06 Test Reports

Testing

Required testing and reporting shall be in accordance with paragraph TESTING.

Evaluation Tests

Quality tests on the crushed limestone material in accordance with paragraph EVALUATION TESTING shall be the responsibility of the Contractor and submitted prior to delivery of such material to the worksite.

SD-07 Certificates

Crushed Limestone

Laboratory

Certificates of compliance attesting that the surfacing materials meet specification requirements shall be submitted to the Contracting Officer.

A copy of the testing laboratory's certification and inspection report shall be submitted along with actions taken to correct deficiencies.

1.3 RIGHTS-OF-WAY

Rights-of-way for constructing the work shall consist of the full width of the levee crown and the landside ramps between the stations and at the locations listed on the two tabulation sheets attached at the end of this section. Access to the levee shall be from existing public roads, and rights-of-way for access will be provided at the existing levee landside ramps listed on the two tabulation sheets attached at the end of this section. The Contractor is responsible for ascertainment of public roads leading to access ramp locations, determining road conditions and haul distances, and obtaining all permits for hauling the material. The Contractor shall not damage the existing levee surfacing or cattle guards, and shall not in any way disturb the levee side slopes and existing turf. The Contractor shall repair all such damages, if any, to the satisfaction of the Contracting Officer and at no additional cost to the Government. See also Section 01000 GENERAL CONTRACT REQUIREMENTS, paragraph RIGHTS-OF-WAY.

1.4 LOCATIONS AND DIMENSIONS

The locations and dimensions of the crushed limestone surfacing shall be as shown on the drawings, and as shown on the two tabulation sheets attached at the end of this section. For landside ramp items, the required length in feet shown on the attached tabulation sheets will be measured along the centerline of the landside ramp beginning at the top of the levee slope.

1.5 RIVER ACCESS

No access to the Red River has been provided by the Government. At no

additional cost to the Government, the Contractor may elect to purchase or otherwise obtain river access from private sources in accordance with Section 01000 GENERAL CONTRACT REQUIREMENTS, paragraph RIGHTS-OF-WAY.

PART 2 PRODUCTS

2.1 MATERIALS

2.1.1 Crushed Stone

2.1.1.1 Definition

For the purpose of this specification, "crushed stone" is defined as being crushed limestone only. All other sedimentary rock, igneous, and metamorphic rock are not to be defined as crushed stone and will not be accepted as crushed stone.

PERCENTAGE BY WEIGHT PASSING

2.1.1.2 Gradation

U.S. STD. SQUARE MESH

All crushed limestone shall conform to the following gradation:

SIEVE DESIGNATIONS	(AASHTO T 27)
1 1/2 inch	100
3/4 inch	50 - 95
1/2 inch	42 - 85
No. 4	25 - 65
No. 40	10 - 32
No. 200	3 - 12

The fraction of crushed limestone passing the No. 40 sieve shall conform to the following requirements:

Liquid Limi	lt (Max	(.)	30
Plasticity	Index	(Max.)	6

The crushed limestone shall be well graded between the limits shown. All points on the individual grading curves obtained from representative samples of material shall lie between the boundary limits as defined by smooth curves drawn through the tabulated gradation limits plotted on ENG Form 2087 or similar form. The individual gradation curves within these limits shall not exhibit abrupt changes in slope denoting either skip grading or scalping of certain sizes or other irregularities which would be detrimental to the proper functioning of the material.

2.1.1.3 Crushed Limestone Sources

Crushed limestone meeting the requirements of this contract has been produced in the past from the sources shown at the end of this section. Crushed limestone may be supplied from any of these sources or from another source subject to the conditions described below. However, by listing these sources the Government neither warrants that crushed limestone from these sources will necessarily meet the requirements of this contract nor provides any immunity from the testing of crushed limestone proposed to be furnished from these sources.

2.1.1.4 Crushed Limestone From Sources Not Listed

If the Contractor proposes to furnish crushed limestone from a source not listed at the end of this section, then, prior to beginning any deliveries, the crushed limestone shall be subject to the testing requirements contained in paragraph EVALUATION TESTING OF STONE, as directed by the Contracting Officer and at no additional cost to the Government.

2.1.1.5 Evaluation Testing of Stone

If the Contractor proposes to furnish stone from an unlisted crushed limestone source, the Contractor shall have evaluation tests performed on stone samples collected from the proposed source. The quarry investigation shall be performed by a registered geologist or registered engineer. The tests to which the stone shall be subjected include petrographic examination (ASTM C 295), bulk specific gravity (SSD), unit weight, absorption (ASTM C 127), Los Angeles Abrasion Test (ASTM C 131 or ASTM C 535).

The laboratory to perform the required testing shall be validated based on compliance with ASTM E 548 and relevant paragraphs of ASTM D 3740, and no work requiring testing shall be permitted until the laboratory has been inspected and validated. The first inspection of the facilities shall be at the expense of the Government and any subsequent inspections required because of failure of the first inspection shall be at the expense of the Contractor.

- a. Unit Weight and Absorption. Stone shall weigh more than 155 pounds per cubic foot and have a bulk specific gravity, saturated surface dry, greater than 2.48. The stone shall have an absorption less than 2 percent unless other tests and service records show that the stone is satisfactory. The method of test for unit weight and absorption shall be ASTM C 127, except the unit weight shall be calculated in accordance with Note No. 5 using bulk specific gravity, saturated surface dry.
- b. Petrographic Examination. Stone shall be evaluated in accordance with ASTM C 295, which shall include information required by ASTM D 4992, paragraphs 4, 5, 7 and 10. COE CRD-C 148 shall be used to perform Ethylene glycol tests required on rocks containing smectite as specified in ASTM D 4992 and on samples identified to contain swelling clays.
- c. Los Angeles Abrasion Test. Crushed limestone shall be evaluated in accordance with either ASTM C 131 or ASTM C 535. The crushed limestone shall have a percentage of wear less than 40 percent.

2.1.2 Filler for Blending

In addition to the filler material that is naturally present in the surface course material, the filler material, that is necessary for meeting the requirements or for satisfactory binding of the material, shall be uniformly blended with the surface course material before it is delivered to the job site. The material for such purpose shall be approved by the Contracting Officer, shall be free from hard lumps and shall not contain more than 15 percent of material retained on a No. 4 sieve.

2.2 EQUIPMENT

The new crushed limestone shall be delivered in vehicles approved by the Contracting Officer. Each vehicle shall bear a plainly legible identification mark. Grass removal equipment shall consist of any

equipment suitable for the work required. Tractor drawn rotary type cutters and any other type equipment used shall be adjusted so as to cut the grass and other vegetation as close as practicable to the ground surface and within the limits specified in paragraph GRASS REMOVAL.

PART 3 EXECUTION

3.1 GRASS REMOVAL

For areas to receive crushed limestone surfacing, grass and other vegetation shall be clipped, mowed, or otherwise cut to a height not to exceed 4 inches above the ground surface or existing embankment, and the resulting grass and other vegetation cuttings shall be removed from the area prior to crown preparation and subsequent placement of the crushed limestone surfacing. Clippings shall be disposed of by removal from the site in accordance with all applicable Federal, State and local laws and regulations. The Contractor shall obtain all necessary permits for disposal of clippings. If regrowth of grass or vegetation to a height exceeding 4 inches occurs after grass removal and before crown preparation placement of surfacing material, the Contractor will be required to clip that area again and remove clippings prior to placing surfacing material, and no payment will be made for this additional work. Stripping, blading, scraping or other disturbances to the levee crown to accomplish grass removal will not be permitted. The use of herbicides will not be permitted.

3.2 CROWN PREPARATION

The crown of the levee and ramps to receive surfacing shall be bladed and shaped after grass removal and prior to the placement of the crushed limestone surfacing. The centerline of the roadway shall be approximately 2 inches higher than the outer edge of the roadway crown and the crown shall be heeled to each side into a windrow that can be dressed against the new surfacing to hold it in place. Crown preparation operations shall not be performed more than 2,000 feet in advance of the placement of new levee surfacing material unless otherwise approved. No separate measurement or payment will be made for grass removal or crown preparation, and all costs therefor shall be included in the contract unit price per ton for "Levee Surfacing, Crushed Limestone".

3.3 PLACING NEW SURFACING MATERIAL

At the locations shown on the drawings and attached tabulation sheets, a surfacing course of new crushed limestone material shall be placed and spread uniformly on the crown of the levee and landside ramps. Contractor shall not dump any load until it has been inspected and measured by an authorized Government representative. The new surfacing shall be placed in one 7 inch loose measure layer of crushed limestone, at the widths shown on the drawings. The 10 foot wide crushed limestone surfacing shall be placed using a blade template, 10 foot wide at the widest point, with 1V on 3H side slopes. The surfacing shall not be placed on a muddy or wet surface. The surface course shall be compacted as evenly and densely as practicable by the controlled movement of the hauling equipment over the entire area. After the new surfacing material has been placed and compacted, it shall be dressed with a motor grader or similar equipment to present a uniform appearance and a smooth riding surface, without sharp breaks or depressions which will collect or hold water. Any damage to the finished surfacing caused by the Contractor's hauling operations or other construction operations shall be repaired at the Contractor's expense by adding crushed limestone surfacing material, compacting, and blading as

necessary to obtain the required roadway section.

3.4 TESTING

37/88(2000)

The Contractor shall determine the percentage of wear, gradation, liquid limit, and plasticity index of the crushed limestone material. As a minimum for each quarry providing crushed limestone, the material shall be tested once before delivery begins and once for each 1,500 tons delivered up to a required quantity of 15,000 tons, and thereafter, a minimum of once for every additional 7,500 tons delivered. Once delivery has begun, samples for tests shall be taken from material that has been delivered to the jobsite. The on-site Government representative shall be notified when a sample is to be taken for each test and shall be given the opportunity to witness the taking of each sample. The Contractor shall accomplish the testing within two working days after the sample is taken and shall provide the original and one copy of all test results to the Government representative within three working days after the test is taken. tests shall be performed by a laboratory that has been approved by the Contracting Officer. Any additional sampling and testing shall be performed as part of the quality control testing program at the quarry and certified test reports shall be furnished to the Contracting Officer. The quarry laboratory shall provide documentation that they have been validated and/or certified under the requirements of ASTM or ASSHTO Standards for Evaluation of Testing Facilities (based on compliance with ASTM E 548 and relevant paragraphs of ASTM D 3740).

STONE PROTECTION SOURCES

LAT/LONG (TESTED)	QUARRY LOCATION, ADDRESS AND TELEPHONE NUMBER	MAIN OFFICE ADDRESS TELEPHONE NUMBER			
	ALABAMA				
34/88/11(1999)	Pride Quarry located on N side SRM Aggregates of US Hwy 72, Pride, AL 4200 Colonnade I Suite 100				
	Southern Ready Mix 18055 Hwy 72 Tuscumbia, AL 35674 (256) 381-0012	Birmingham, AL 35243 (205) 970-2497			
ARKANSAS					
36/91/(2000)	Sloan/Cavanaugh - 4.5 miles northwest of Black Rock, AR off U.S. Hwy 63 on County Rd. 208	Meridian Aggregates Co. P.O. Box 260 Black Rock, AR 72415 (870) 878-6201			
	ILLINOIS				

SECTION 02301 Page 7

Cave-In-Rock Quarry is located

Highway 1, for the ferry across

the Ohio River, head east past

approximately 5 miles east of

Cave in Rock, IL. From the

flashing light on Illinois

Martin Marietta

Suite C

Aggregates

125 Augusta Place

Paducah, KY 42003

(270) 554-0804

STONE PROTECTION SOURCES

LAT/LONG (TESTED)	QUARRY LOCATION, ADDRESS AND TELEPHONE NUMBER	MAIN OFFICE ADDRESS TELEPHONE NUMBER
	Cave-in-Rock State Park to intersection with next road and turn south toward river. Quarry is on right 0.25 miles from intersection. (618) 289-3262	
	KENTUCKY	
37/88/29 (2000)	Three Rivers Quarry - 7 miles northeast of Smithland, KY, off U.S. Hwy 60 (Cumberland Road). From I-24 exit 31 and go N on KY Hwy 453 to intersection with U.S. Hwy 60 and turn right and go over Cumberland River. Quarry is on the right 4.5 mile from bridge	Martin Marietta Aggregates 830 Three Rivers Quarry Rd Smithland, KY 42081 (270) 928?2141
37/88/11 (2000)	Gilbertsville Quarry - On US Hwy 62/641, "Between the Dams", Lake City, KY. From I-24 exit 31 and go S on KY Hwy 453 to ramp for US Hwy 62/641 and go west to quarry office on left.	VULCAN Materials Co Reed Quarry 947 U.S. Hwy 62 Grand Rivers, KY 42045 (270) 362-1282
	MISSOURI	
38/90/29 (2000)	Old Menefee Quarry @MRM 136.8 above the mouth of the Ohio River, take I-55 4 miles north of Bloomsdale, MO, exit 162, and take exit for County Rds. DD & OO and turn east and go 1 mile to Hwy 61 and continue straight ahead thru intersection on Brickeys Rd. to quarry.	Brickeys Stone LLC 13588 Brickeys Rd Bloomsdale, MO 63627 (573) 483-3475
37/89/18 (2000)	Gray's Point Quarry - MRM 46.2, above the mouth of the Ohio River. Take Exit 91 of I-55 on Rd. AB at Scott City, MO, and go east 4 miles to quarry.	Tower Rock Stone Co. P.O. Box 50 Columbia, IL 62236 (618) 281-4106
	Tower Rock Stone Co. P.O. Box 4248 Scott City, MO 63780 (573) 264-3800	
38/90/40&51 (2000)	Bussen Quarry - 5 miles north of St. Genevieve, MO, MRM 127.6, above the mouth of the Ohio River, 19829 Lower Frenchman Rd.	Tower Rock Stone Co. P.O. Box 50 Columbia, IL 62236 (618) 281-4106
	Tower Rock Stone Co. P.O. Box 111	

STONE PROTECTION SOURCES

TENNESSE

LAT/LONG (TESTED)

QUARRY LOCATION, ADDRESS
AND TELEPHONE NUMBER

MAIN OFFICE ADDRESS TELEPHONE NUMBER

St. Genevieve, MO 63670 (573) 883-7415

35/87(2000)

Clifton Quarry on the Ten Tom WW, located west of Clifton TN off TN State Secondary 128, 5.5 miles from intersection of TN State Secondaries 114 and 128 (NW of Waynesboro, TN) (or approx. 1.5 miles N of intersection of TN State Secondaries 128 and 278 on west side of 128) (931) 676-3598

Vulcan Materials Co. Southern Division P.O. Box 385016 Birmingham, AL 35238-5016 (205) 298-3701

-- End of Section --